



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

August 21, 2012

Mr. Michael Ryan
Sensitron Semiconductor
221 West Industry Court
Deer Park, NY 11729-4681

Dear Mr. Ryan:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961; VQ(VQE-12-024958)
CAGE Code: 13409; Control Number: 037104

This letter amends letter VQ(VQE-12-024893) to correct the device type listed in the first paragraph of the letter.

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTXV1N3595US as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /241M. Extension is granted to the other devices listed below as allowed by paragraph E.4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is August 8, 2012. The starting lot date code is 1127.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

| Package | I_M | I_H | t_H | t_{MD} | $Z_{\theta JX}$ (Screening) | $Z_{\theta JX}$ (QCI) |
|-----------|-------|-------|-------|------------|-----------------------------|-----------------------|
| DO-35, US | 10 mA | 0.8 A | 10 ms | 70 μ s | 26.35 °C/W max | 27.74 °C/W max |

| Government Designation | ESD Class | Manufacturer Designation | Test Report Reference | Prf Spec | Manufacturer Name & Address |
|-----------------------------------|-----------|--------------------------|-----------------------|----------|-----------------------------|
| § 1N3595-1; US ** 1N3595-1; US | 3A | CQN | 19500-3539-12 | /241 | Same as above |

§ Includes JANS quality level only

Plant 1: Same as above

** Includes JAN, JANTX & JANTXV quality levels only

This qualification approval is based upon test report number 19500-3539-12 for your die and package, your letter dated June 29, 2012 requesting qualification and is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions, please contact Mr. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

